

Built for AI. Ready for Everything.

Cisco Data Center

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SVP & GM, Cisco Compute

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VP Cisco Security, CEO of Isovalent - now part of Cisco

cisco Live !

Leading through disruption

- 01 A tale of two market shifts
- 02 From siloed tools to unified platforms
- 03 A new way to see and control infrastructure

Our customers tell us

Standing up enterprise-grade AI infrastructure is hard. Organizations face complexity, fragmentation, and security concerns.



Too many tools,
not enough integration



Uncertain ROI to build
AI-ready environments



Security risks across
the AI lifecycle

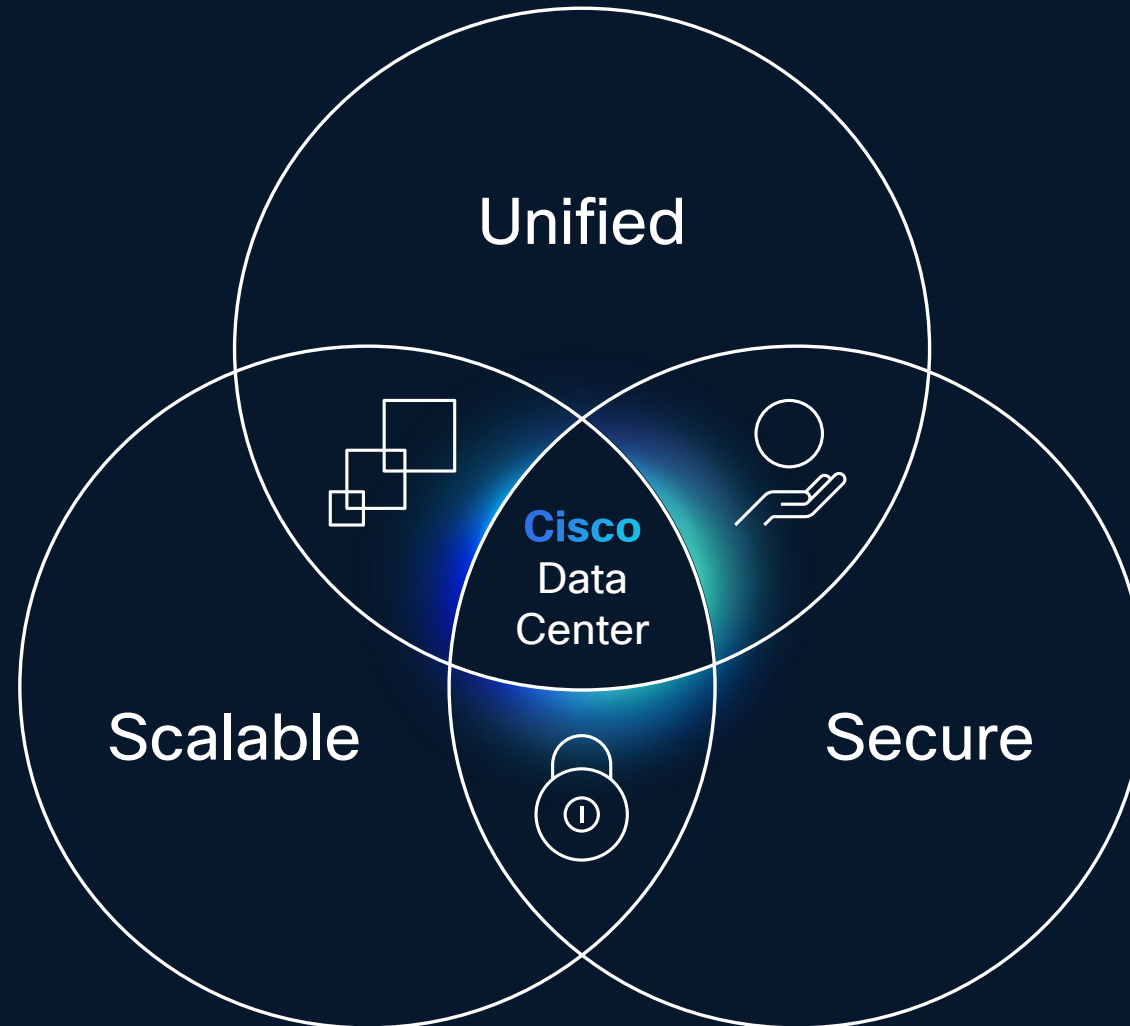
What we know

Two big shifts are redefining the data center



The Cisco Data Center Is Ready For Both Worlds

Whether you're modernizing traditional workloads, or scaling for AI, Cisco's approach is...



Cisco Networking



Cisco Unified Compute



Cisco Networking



Unified Architecture

Cisco Unified Compute



Cisco Networking



Cisco Unified Compute



The foundation for enterprise workloads

Cisco Silicon One



Cisco Optics



Reliability when it matters most

Cisco Tops List for Server Reliability

According to a survey by the **Information
Technology Intelligence Consulting Corp (ITIC)**
reported by Tech Channel

TechChannel®

**Server Reliability
Survey: IBM, Lenovo,
Cisco Top ITIC's List**

The Command Center for Data Center Operations

Cisco Intersight

Cisco Nexus Dashboard



64% lower
cost of support and
maintenance



62 minutes faster
time to resolution



25% lower
cost of hardware and
software acquisition



80% lower
administrative costs

GitHub

Red Hat

NUTANIX

vmware[®]
by Broadcom

GitLab

Unified Solutions

The power of partnering with industry- leading tools

VAST

CLOUDERA

Bitbucket

python™

NetApp

servicenow

Jenkins

RANCHER
BY SUSE

PURESTORAGE[®]

Qumulo

HashiCorp

HITACHI

rubrik

ANSIBLE

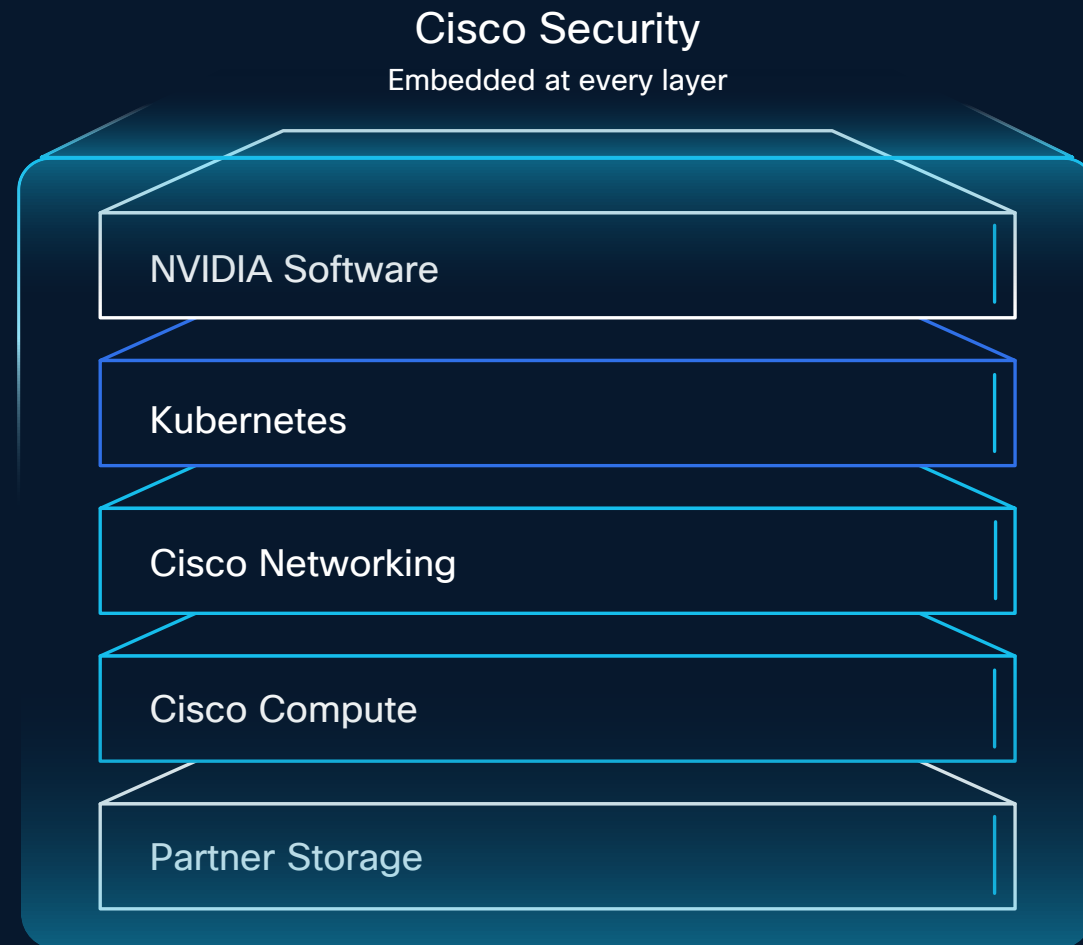
Unified Solutions

Cisco Secure AI Factory with NVIDIA

A reference design with validated
architectures to **accelerate AI adoption**

Hyperfabric AI | [Check out CENDCN-1359](#)
Building Secure AI Infrastructures

AI PODs | [Visit BOOTH 3354](#)
The Cisco Validated Zone



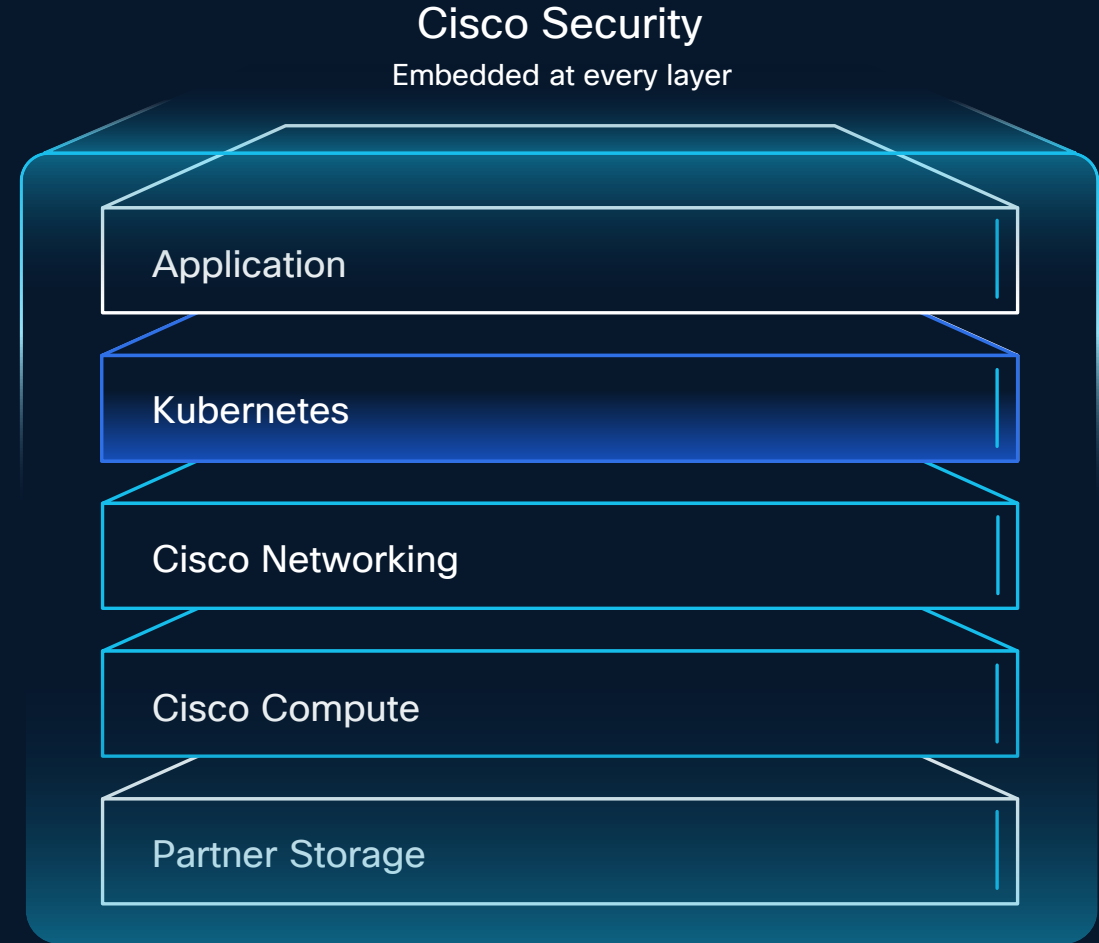
Introducing

AI PODs for your entire AI lifecycle

A scalable architecture, built to support any AI workload



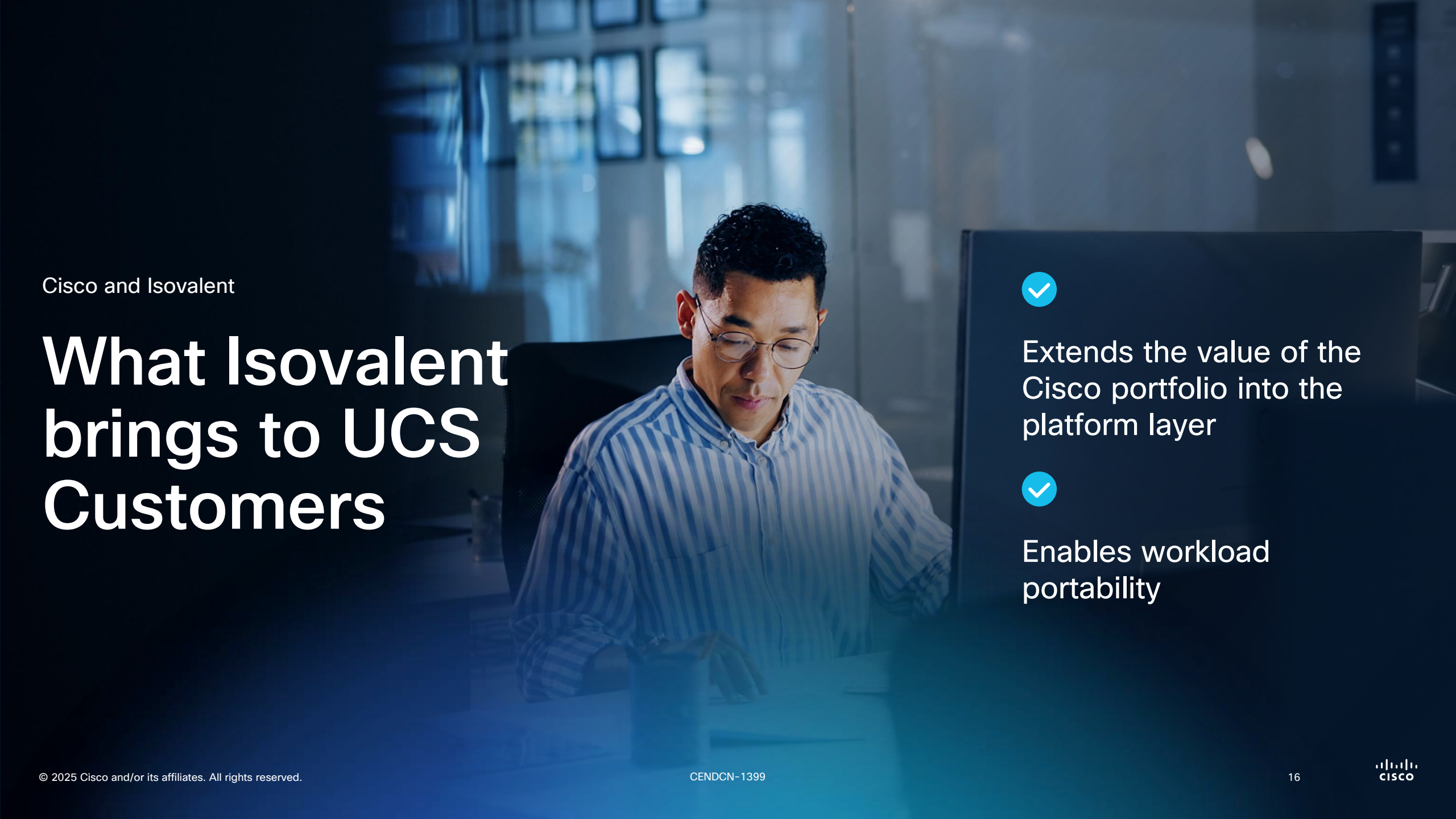
**It's not just about AI:
Cisco offers full-stack
readiness for
every workload**



Cisco Security & Observability

Embedded at every layer





Cisco and Isovalent

What Isovalent brings to UCS Customers



Extends the value of the Cisco portfolio into the platform layer



Enables workload portability

What this means for your teams...



Splunk Enterprise Security
Sec Ops



Hypershield
Network Sec



Splunk Observability
Developers

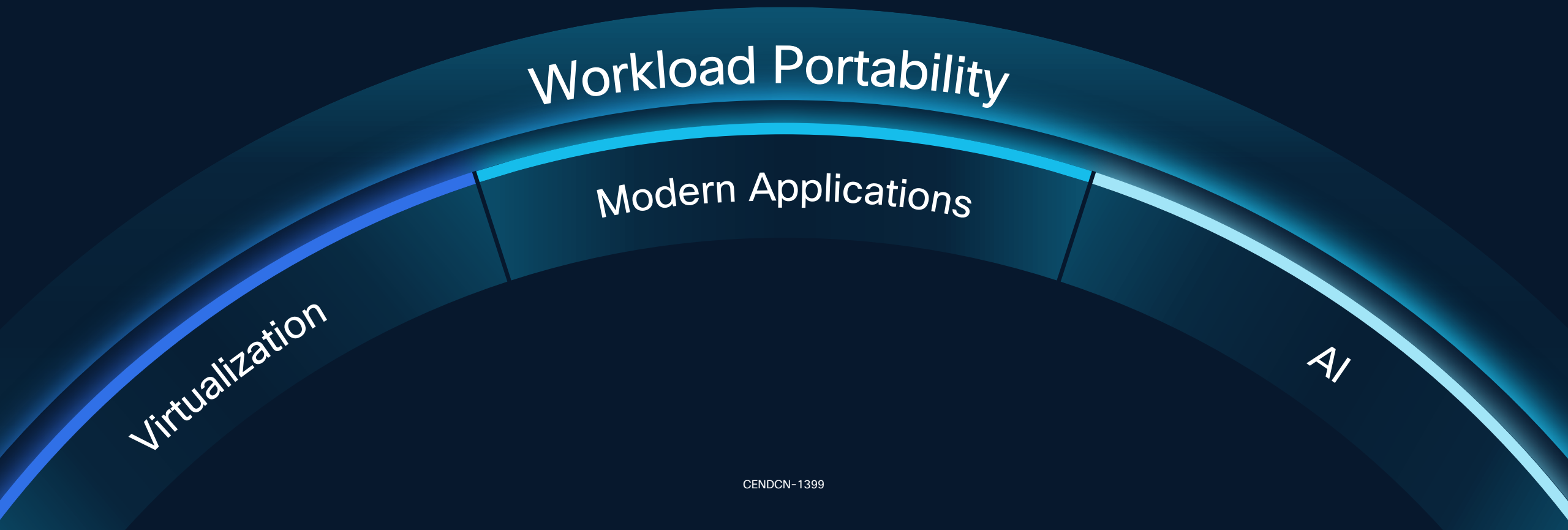


Nexus, ACI, Isovalent LB
Network Ops

Server Ops

Intersight, Cisco Validated Designs

The future of Cisco and Isovalent

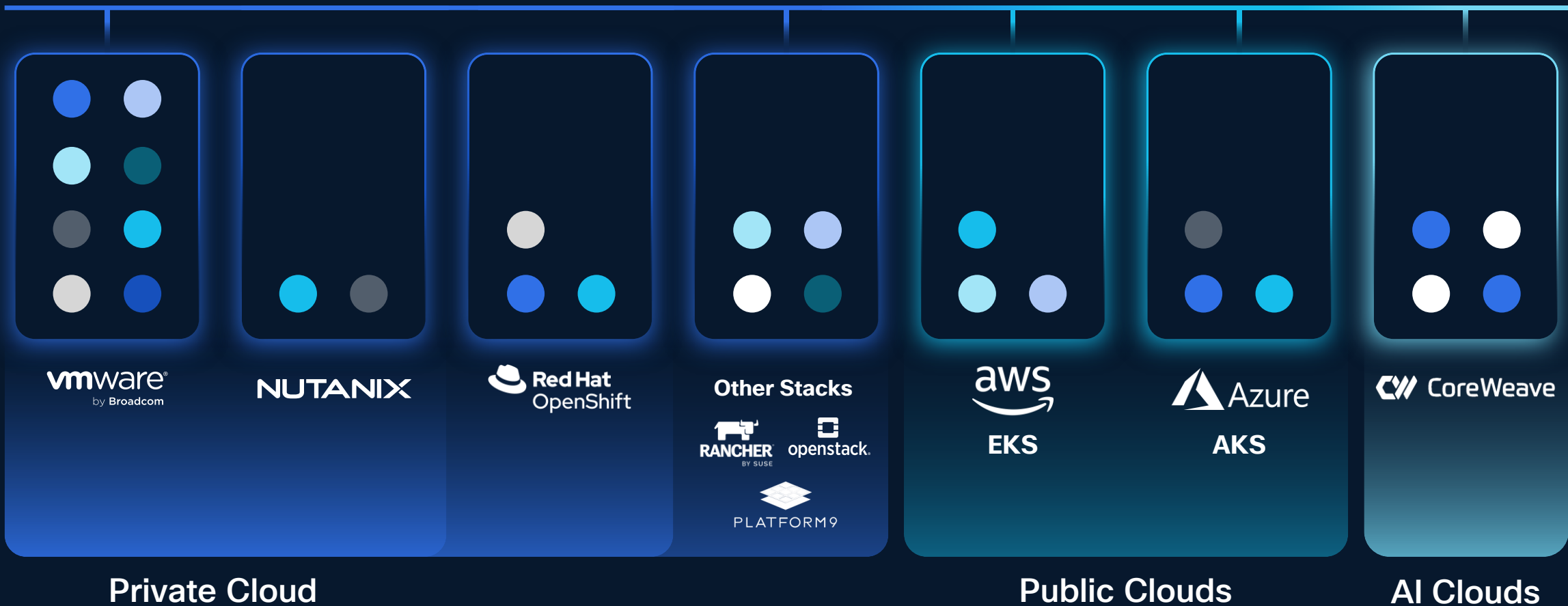


Connect & Secure Workloads Anywhere



ISOVALENT

now part of CISCO



The future of Cisco and Isovalent

Workload Portability

Modern Applications

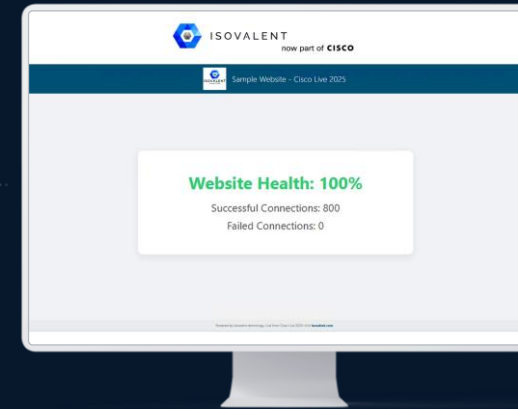
Virtualization

AI

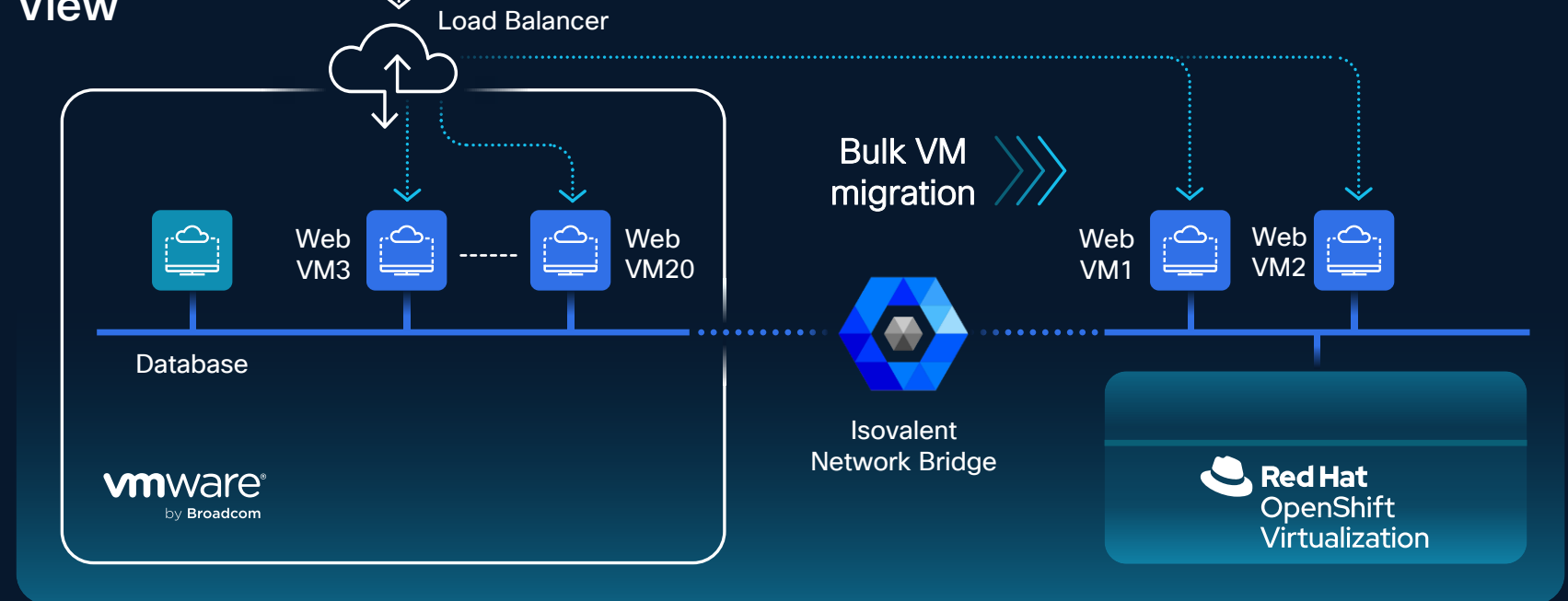
DEMO

VM Workload Portability Before Migration

Application
User Experience



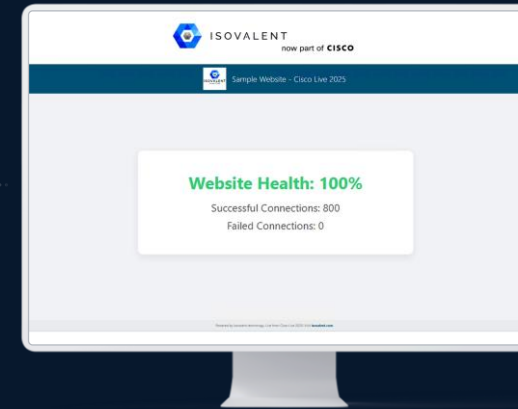
Infrastructure
View



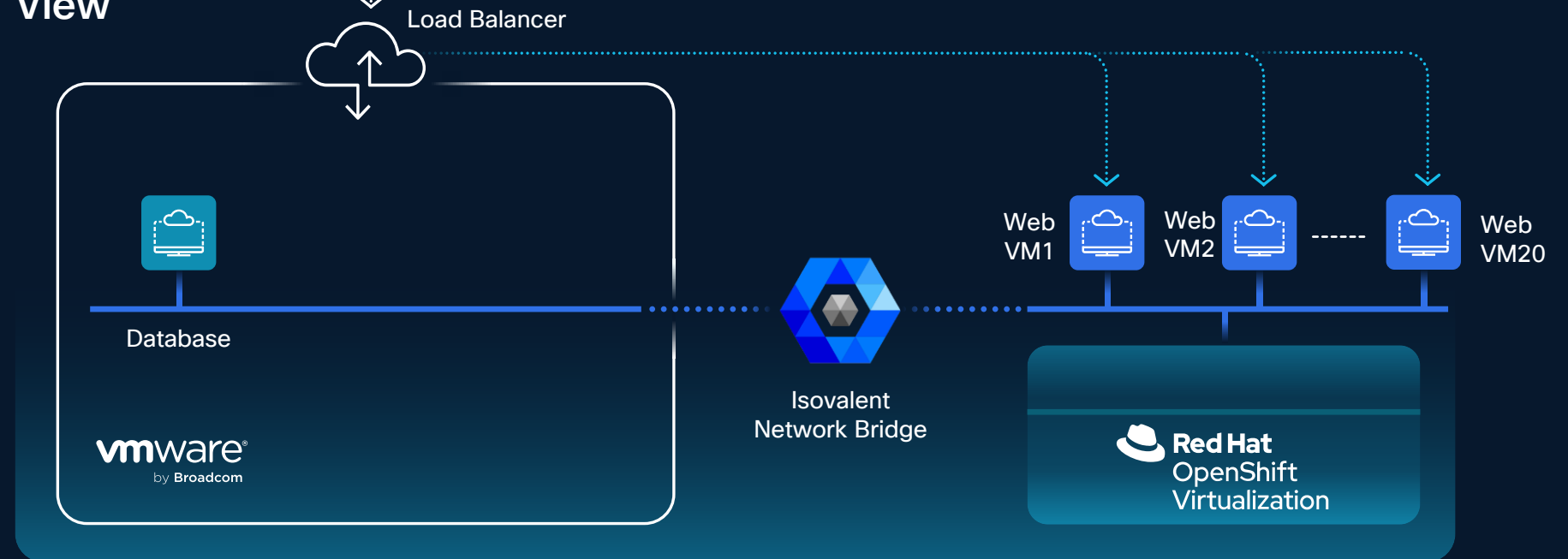
DEMO

VM Workload Portability Migration Complete

Application
User Experience



Infrastructure
View





ISOVALENT

now part of CISCO

vSphere Client



demo-actors

ACTIONS

Summary Monitor Configure Permissions VMs Updates

Virtual Machines VM Templates vApps VM Folders

Filter

<input type="checkbox"/>	Name	↑	State	Status	Provisioned Space	Used Space	Host CPU	Host Mem
<input type="checkbox"/>	actor-001		Powered ...	✓ Normal	21.39 GB	7.77 GB	0 Hz	0 B
<input type="checkbox"/>	actor-002		Powered ...	✓ Normal	21.38 GB	9.5 GB	51 MHz	514 MB
<input type="checkbox"/>	actor-003		Powered ...	✓ Normal	21.4 GB	9.95 GB	0 Hz	0 B
<input type="checkbox"/>	actor-004		Powered ...	✓ Normal	21.38 GB	9.93 GB	0 Hz	0 B
<input type="checkbox"/>	actor-005		Powered ...	✓ Normal	21.43 GB	9.48 GB	51 MHz	502 MB
<input type="checkbox"/>	actor-006		Powered ...	✓ Normal	21.42 GB	10.41 GB	0 Hz	0 B
<input type="checkbox"/>	actor-007		Powered ...	✓ Normal	21.39 GB	8.98 GB	0 Hz	0 B
<input type="checkbox"/>	actor-008		Powered ...	✓ Normal	21.45 GB	9.52 GB	0 Hz	0 B
<input type="checkbox"/>	actor-009		Powered ...	✓ Normal	21.42 GB	10.42 GB	0 Hz	0 B
<input type="checkbox"/>	actor-010		Powered ...	✓ Normal	21.4 GB	9.27 GB	0 Hz	0 B
<input type="checkbox"/>	actor-011		Powered ...	✓ Normal	21.4 GB	9.66 GB	51 MHz	520 MB
<input type="checkbox"/>	actor-012		Powered ...	✓ Normal	21.39 GB	9.69 GB	0 Hz	0 B
<input type="checkbox"/>	actor-013		Powered ...	✓ Normal	21.42 GB	9.46 GB	0 Hz	0 B
<input type="checkbox"/>	actor-014		Powered ...	✓ Normal	21.39 GB	9.33 GB	0 Hz	0 B
<input type="checkbox"/>	actor-015		Powered ...	✓ Normal	21.39 GB	9.5 GB	0 Hz	0 B
<input type="checkbox"/>	actor-016		Powered ...	✓ Normal	21.38 GB	9.8 GB	0 Hz	0 B
<input type="checkbox"/>	actor-017		Powered ...	✓ Normal	21.43 GB	9.87 GB	0 Hz	0 B
<input type="checkbox"/>	actor-018		Powered ...	✓ Normal	21.39 GB	8.89 GB	0 Hz	0 B
<input type="checkbox"/>	actor-019		Powered ...	✓ Normal	21.43 GB	9.88 GB	0 Hz	0 B
<input type="checkbox"/>	actor-020		Powered ...	✓ Normal	21.39 GB	10.24 GB	0 Hz	0 B
20 EXPORT								

Items per page 35 21 items

Recent Tasks Alarms

The future of Cisco and Isovalent

Extending Isovalent to Linux Hypervisors

NUTANIX

Booth # 4119



Booth # 1910

The future of Cisco and Isovalent

Workload Portability

Modern Applications

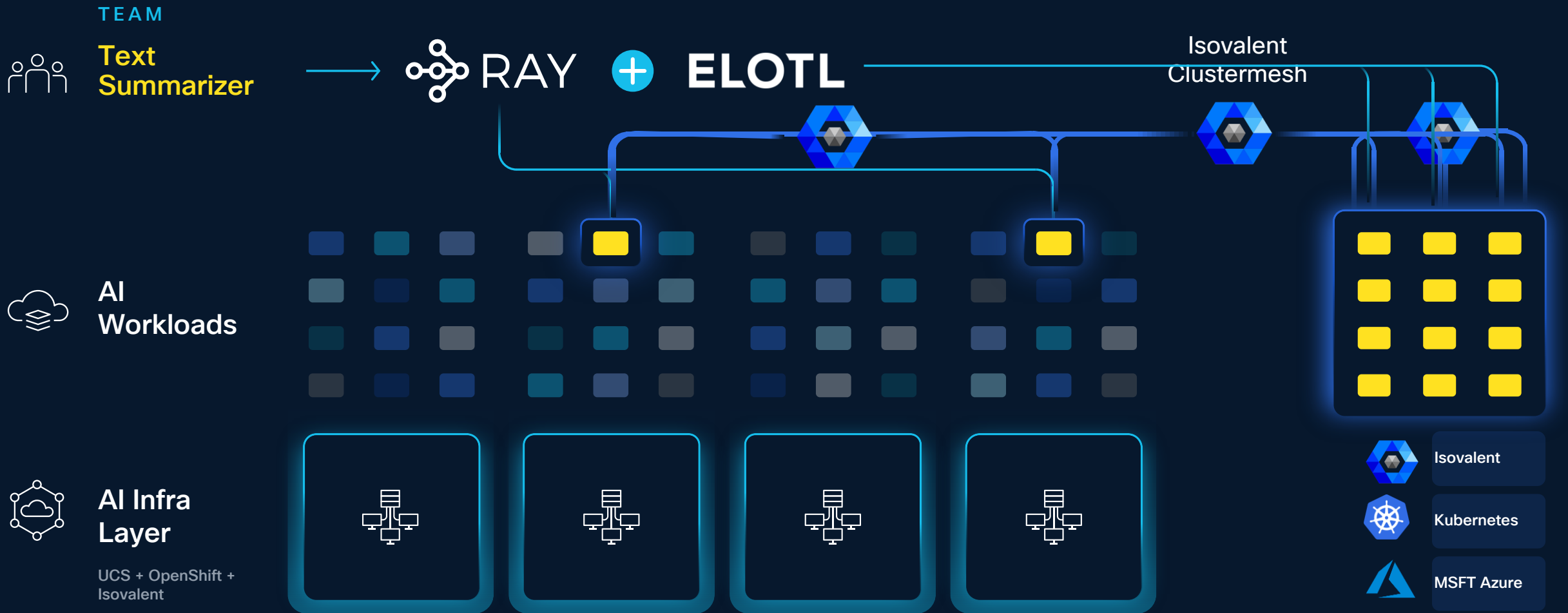
Virtualization

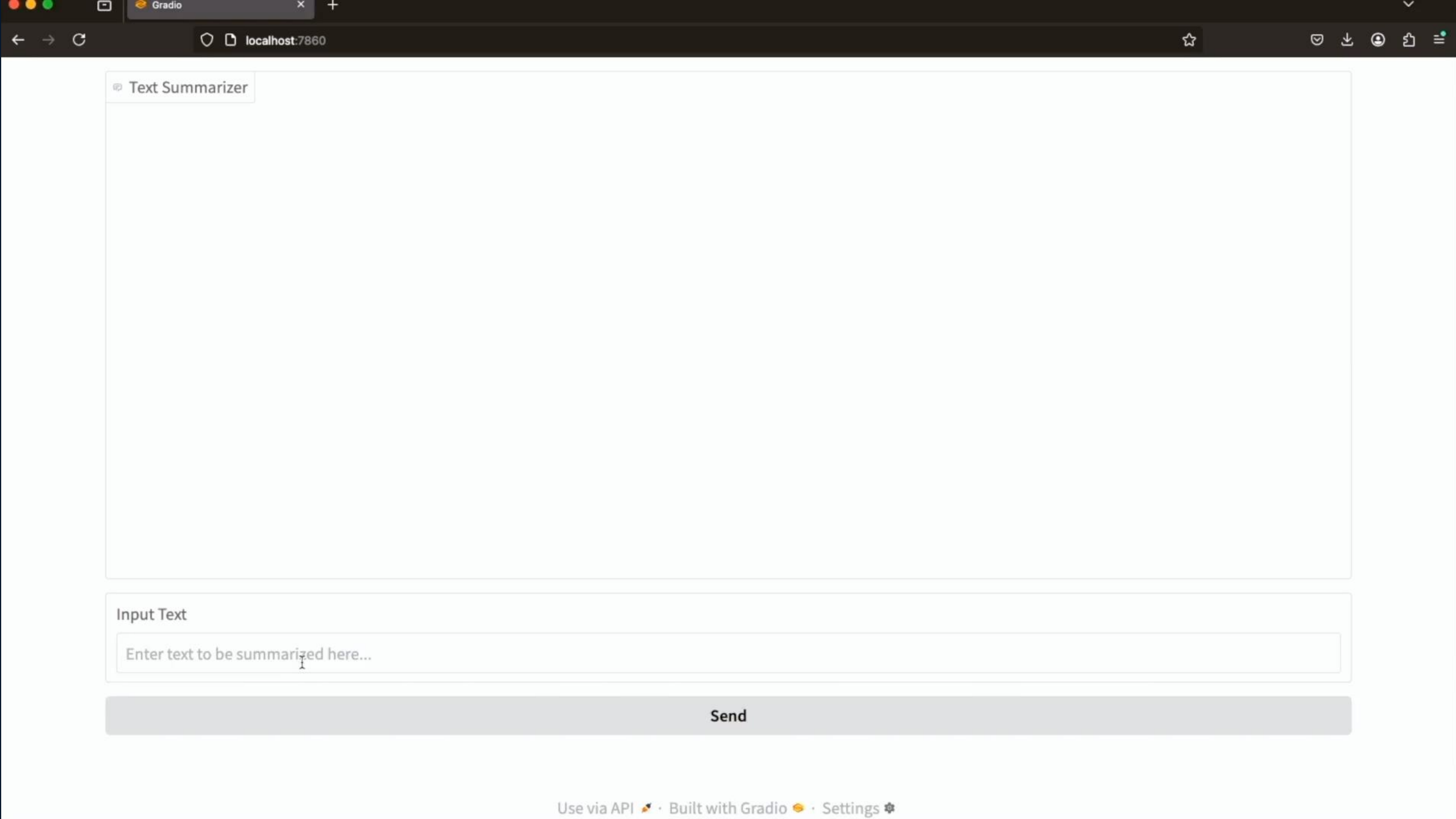
AI

AI Workload Cloud Bursting

Number of Text Summarizer Workloads **10**

On-prem Cluster Capacity **100%**





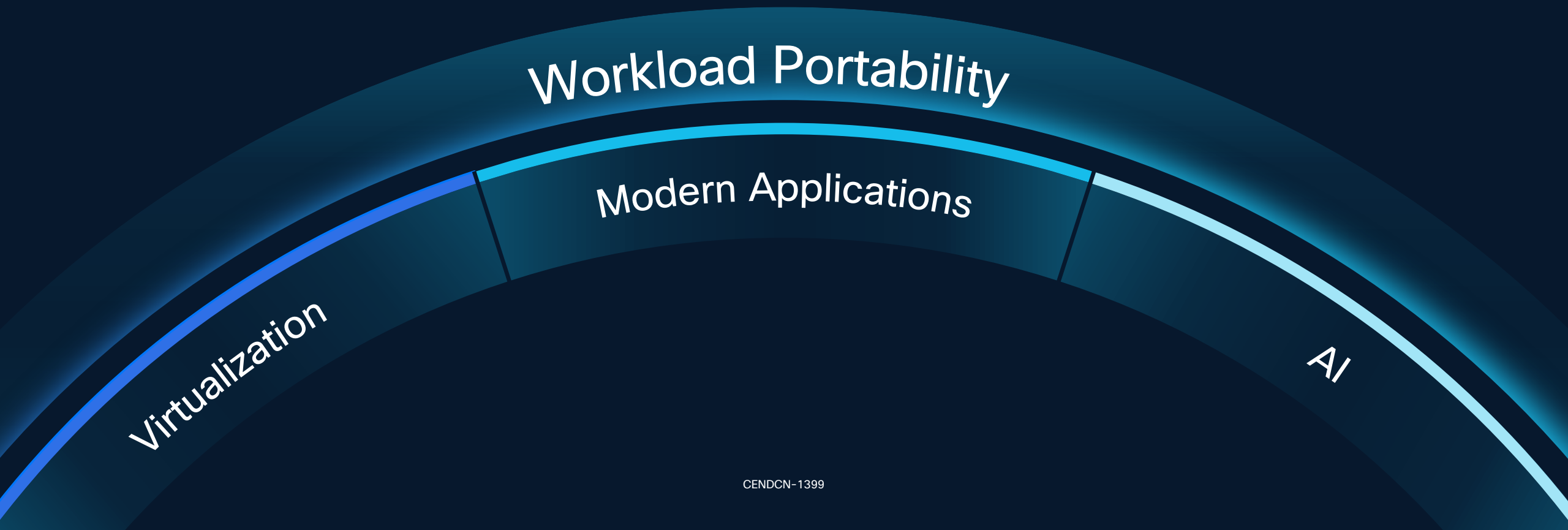
Text Summarizer

Input Text

Enter text to be summarized here...

Send

The future of Cisco and Isovalent



Why we believe this is a game-changer

Envisioning a world where you can migrate with confidence and modernize without disruption

Security

without
Silos

Migration

without
Disruption

Visibility

without
Complexity

Choice

without
Compromise

Full or partial
hypervisor migrations

Multi-tenant
environments

AI and traditional
workloads

East-west traffic
visibility and control

Want to learn more?

Cisco University
Check out trainings
Cisco.com



AI-Ready
Infrastructure
**Nutanix, RedHat
and more**

Cisco Data Center

AI PODs
Visit Booth # 3354
The Cisco Validated Zone



AI-Ready
Infrastructure
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Design Guides**

Isovalent

Cilium and eBPF
See the demos at
AIDC20, AIDC21, AIDC22



**Sign up for
one of our
Hands-On
Labs**

Thank you

CISCO Live !

